

NISHIKAWA *et al.*, Serial No. 10/775,189
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IN THE ABSTRACT:

ABSTRACT OF THE DISCLOSURE

A combustion-type power tool ~~capable of preventing a sub-stream of air-fuel mixture from passing through a gap between an electrode and an opposing electrode section, and yet capable of providing a desirable ignition without lowering maintenance efficiency of the tool.~~ The where an opposing electrode section opposes the electrode of an ignition plug body and protrudes from the head cap outward in the radial direction of a fan. A head cap supports the opposing electrode. The section is suppressed at a position closer to an axis of a the fan than the electrode to the axis. The opposing electrode section protrudes from the head cap outward in the radial direction of the fan. The side of the head cap defining a combustion chamber has three parts. A has: a first part surrounds surrounding the rotation axis of the fan. A; a second part supports supporting the ignition plug body. A; and a third part is located in the radially outer side of the second section with respect to the axis. The second part is located farther from the piston than the first and third other parts to the piston for providing a protruding ignition space. The opposing electrode section surface opposing to the piston is flush with the third part or farther from the piston than the third part to the piston in the radial direction of the fan.